

CLAIMS

What is claimed is:

1. An eyeglass apparatus comprising:

a primary lens frame having a first pair of lens holders for holding a pair of primary lenses and separated by a bridge portion disposed therebetween, said bridge portion having a major magnetic member disposed therein, said major magnetic member disposed within the bridge portion on a rear side of the bridge portion such that a surface of the major magnetic member is exposed and faces rearward;

an auxiliary frame having a pair of lens holders separated by a bridge portion, said bridge portion formed to include a protruding grip extension which extends perpendicularly outward from the auxiliary frame, said grip extension having an upward lip with a minor magnetic member disposed therein such that a surface of the minor magnet member is exposed and faces forward;

said auxiliary frame coupled to the primary lens frame from the bottom such that the grip extension of the auxiliary frame extends under the bridge portion in the primary lens frame and the upward lip engages the bridge of the primary lens frame on the rear side of the bridge, said major magnetic member in the primary lens frame magnetically coupling to the minor magnetic member in the auxiliary frame, thereby further securing the auxiliary frame to the primary lens frame.

2. The eyeglass apparatus of claim 1, wherein the major magnetic member is disposed within the bridge portion such that the exposed surface of the major magnetic member is flush with the rear side of the bridge portion, thereby forming one cohesive and smooth surface on the rear side of the bridge portion.

3. The eyeglass apparatus of claim 2, wherein the minor magnetic member is disposed within the upward lip of the grip extension such that the exposed surface of the minor magnet member is flush with the front side of the upward lip, thereby forming one cohesive and smooth surface on the front side of the upward lip.
4. The eyeglass apparatus of claim 1, wherein the major magnetic member is disposed within the bridge portion such that it is elevated and extends or protrudes therefrom.
5. The eyeglass apparatus of claim 4, wherein the minor magnetic member is disposed within the upward lip of the grip extension such that the minor magnet member is not flush with the front side of the upward lip; but, rather, is recessed therefrom, thereby forming a recess or aperture on the front side of the upward lip.
6. The eyeglass of claim 5, wherein the major magnetic member extending from the rear side of the bridge portion in the primary lens frame is inserted into the recess or aperture on the front side of the upward lip, said major and minor magnetic members then magnetically coupling together.
7. The eyeglass apparatus of claim 1, wherein the major magnetic member is disposed within the bridge portion such that it is recessed,
8. The eyeglass apparatus of claim 7, wherein the minor magnetic member is disposed within the upward lip of the grip extension such that the minor magnet member is not flush with the front side of the upward lip; but, rather, is elevated from a front surface of the upward lip, thereby extending or protruding from the front side of the upward lip.

9. The eyeglass of claim 8, wherein the minor magnetic member in the auxiliary frame is inserted into the recess or aperture on the rear side of the bridge portion of the primary lens frame, said major and minor magnetic members then magnetically coupling together.

10. An eyeglass apparatus comprising:

a primary lens frame having a first pair of lens holders for holding a pair of primary lenses and separated by a bridge portion, said bridge portion having a major magnetic member positioned on rear side such that a surface of the major magnetic member is exposed and faces rearward, said major magnetic member magnetically coupling to a minor magnetic member in an auxiliary frame, thereby securing the auxiliary frame to the primary lens frame.

11. The eyeglass apparatus of claim 10, wherein the major magnetic is positioned within the bridge portion such that the exposed surface of the major magnetic member is flush with the rear side of the bridge portion, thereby forming one cohesive and smooth surface on the rear side of the bridge portion.

12. The eyeglass apparatus of claim 10, wherein the major magnetic member is positioned within the bridge portion such that the exposed surface of the major magnetic member is elevated from the rear side of the bridge portion, thereby extending or protruding from the rear side of the bridge portion.

13. The eyeglass apparatus of claim 10, wherein the major magnetic member is positioned within the bridge portion such that the exposed surface of the major magnetic member is recessed within the rear side of the bridge portion, thereby forming a recess or aperture within the rear side of the bridge portion of the primary lens frames.

14. An eyeglass apparatus comprising:

an auxiliary frame having a pair of lens holders separated by a bridge portion formed to include a protruding grip extension which extends perpendicularly outward from the auxiliary frame, said grip extension having an upward lip with a minor magnetic member disposed therein such that a surface of the minor magnet member is exposed and faces forward thereby magnetically coupling to a major magnetic member in a primary lens frame in order to secure the auxiliary frame to the primary lens frame.

15. The eyeglass apparatus of claim 14, wherein the minor magnetic member is disposed within the upward lip of the grip extension such that the exposed surface of the minor magnet member is flush with the front side of the upward lip, thereby forming one cohesive and smooth surface on the front side of the upward lip.

16. The eyeglass apparatus of claim 14, wherein the minor magnetic member is disposed within the upward lip of the grip extension such that the exposed surface of the minor magnet member is not flush with the front side of the upward lip; but, rather, is recessed therefrom, thereby forming a recess or aperture on the front side of the upward lip.

17. The eyeglass apparatus of claim 14, wherein the minor magnetic member is disposed within the upward lip of the grip extension such that the exposed surface of the minor magnet member is not flush with the front side of the upward lip; but, rather, is elevated from a front surface of the upward lip, thereby extending or protruding from the front side of the upward lip.

18. A method for forming a pair of eyeglasses comprising:

constructing a primary lens frame having a first pair of lens holders, for holding a pair of primary lenses, and separated by a bridge portion disposed therebetween, said bridge portion having a major magnetic member disposed therein;

constructing an auxiliary frame having a second pair of lens holders separated by a bridge portion, said bridge portion formed to include a protruding grip extension which extends perpendicularly outward from the auxiliary frame, and said grip extension having an upward lip with a minor magnetic member disposed therein;

coupling the auxiliary frame to the primary lens frame from the bottom such that the grip extension of the auxiliary frame extends under the bridge portion in the primary lens frame and the upward lip engages the bridge of the primary lens frame on the rear side of the bridge, said major magnetic member in the primary lens frame magnetically coupling to the minor magnetic member in the auxiliary frame, thereby further securing the auxiliary frame to the primary lens frame.

19. The method of claim 18, wherein the major magnetic member is disposed within the bridge portion such that the exposed surface of the major magnetic member is flush with the rear side of the bridge portion, thereby forming one cohesive and smooth surface on the rear side of the bridge portion.

20. The method of claim 19, wherein the minor magnetic member is disposed within the upward lip of the grip extension such that the exposed surface of the minor magnet member is flush with the front side of the upward lip, thereby forming one cohesive and smooth surface on the front side of the upward lip.

21. The method of claim 18, wherein the major magnetic member is positioned within the bridge portion of the primary lens frame such that it is elevated, thereby extending or protruding from a rear surface of the bridge portion.

22. The method of claim 21, wherein the minor magnetic member is disposed within the upward lip of the grip extension such that the minor magnet member is not flush with the front side of the upward lip; but, rather, is recessed therein, thereby forming a recess or aperture on the front side of the upward lip.

23. The method of claim 22, wherein the major magnetic member in the primary lens frame is inserted into the recess or aperture on the front side of the upward lip and the major and minor magnetic members are then magnetically coupled together.

24. The method of claim 18, wherein the major magnetic member is disposed within the bridge portion such that it is recessed,

25. The method of claim 24, wherein the minor magnetic member is disposed within the upward lip of the grip extension such that the minor magnet member is not flush with the front side of the upward lip; but, rather, is elevated from a front surface of the upward lip, thereby extending or protruding from the front side of the upward lip.

26. The method of claim 25, wherein the minor magnetic member in the auxiliary frame is inserted into the recess or aperture on the rear side of the bridge portion of the primary lens frame, said major and minor magnetic members then magnetically coupling together.